For Lab 3 you will have four sections: the introduction section, the methods section, the discussion section, and the reference section. Each section will be graded on content and writing clarity, so make sure you are very concise and think about each sentence carefully.

Introduction (40pts)
Write the introduction section to support your hypothesis. This should be written as if you are the first to run the experiment (as will be true when you get to grad school).

An introduction section should have three sections (not titled separately, just in separate paragraphs). The sections are listed in order from top to bottom:
1. Hook the reader so they are interested in the topic. (10pts)
2. Support your hypothesis (not yet stated) with past literature. (30pts)
3. Briefly summarize your support and state your hypothesis. (10pts)
    a. Also *briefly* discuss the experiment and how it will test your hypothesis.

Methods (15pts)
You have already written a methods section, so here is a chance to improve if needed. The methods section will also have three sections (can be titled separately or not, up to you):
1. Participants (5pts)
    a. Include the gender, age range, and how you found your 5 participants.
        i. Note: if we ran the actual experiment, 5 would not be enough. This is just for you to practice writing.
2. Materials (5pts)
    a. What computer did you run it on? Any other materials you used to run the experiment
3. Procedure (5pts)
    a. Make sure to include all conditions given

Results (15pts)
Present your statistics as well as whether or not you found significance. Make sure you include your means, SDs, test statistic, degrees of freedom, and the p-value. The example from the flicker experiment gives a good layout for the results section:

In this experiment, we found that there is a significant difference between the flicker and no flicker conditions ($M_{flicker}$ = 10599, $SD_{flicker}$ = 100, $M_{no\ flicker}$ = 5976, $SD_{no\ flicker}$ = 120, $t(135)$ = 5.10, p = 1.118e-06).

Discussion (25)

The discussion section is where you get to summarize your findings and discuss limitations and future directions.

1. Brief summary of hypothesis and results. (10pts)
2. Possible limitations and future directions. (15pts)

Reference section and APA (5pts)

The final 5pts will be for correct APA formatting and your reference section.